

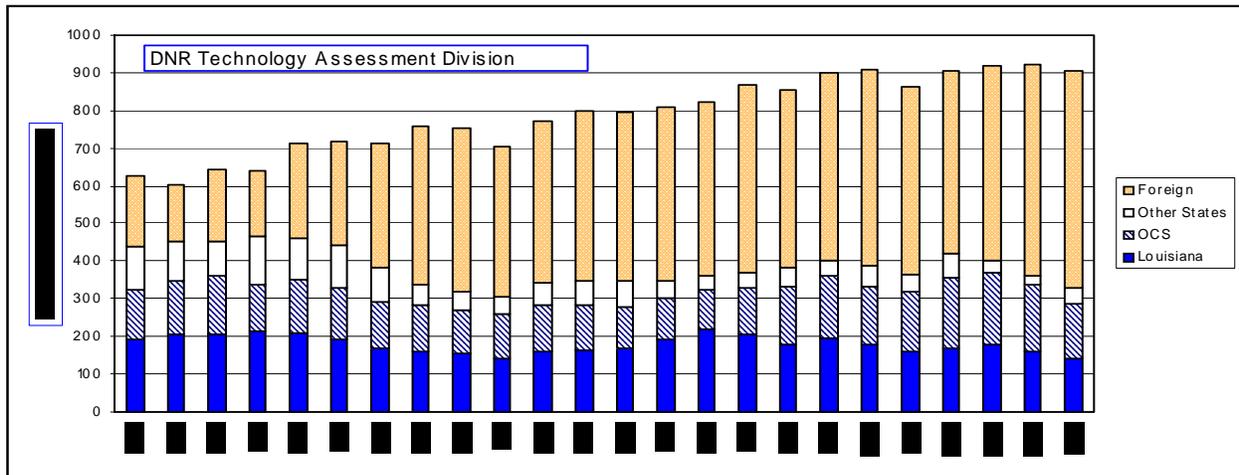
# HIGHLIGHTS OF THE 14<sup>th</sup> EDITION OF THE LOUISIANA CRUDE OIL REFINERY SURVEY REPORT

by  
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The 14<sup>th</sup> edition of DNR's Louisiana Crude Oil Refinery Survey Report covers the 12-month period from July 1, 2004 to June 30, 2005. The survey results show that operating capacity for Louisiana refineries is up by almost 180,000 bcd (barrels per calendar day), led by large gains at Citgo Petroleum's Lake Charles refinery and Valero Refining's Norco refinery. Table 1 shows the current operating capacities and throughputs and the percent changes from the last DNR survey for individual refineries. Table 2 shows the top products, by percentage of total product slate, from all Louisiana refineries. The overall operating rate for Louisiana refineries during this survey period was 93.3%

Crude oil inputs were slightly down in 2005 due to refinery shutdowns resulting from Hurricanes Katrina and Rita. Total crude oil input to Louisiana refineries for the 2005 calendar year was 902 million barrels. Of that total, 63.4% was from foreign sources, 16.2% from the Outer Continental Shelf waters, 15.9% from Louisiana, and 4.5% from other states (see figure below).

Crude Oil Sources for Louisiana Refineries



Source: DNR Database, from Refiner's Monthly Report, Form R-3

The *Louisiana Crude Oil Refinery Survey Report, 14th Edition: 2005 Survey* was recently published online in PDF format on the Department of Natural Resources Technology Assessment Division website ([http://dnr.louisiana.gov/sec/execdiv/techasmt/oil\\_gas/refineries/refinsurvey\\_2005.pdf](http://dnr.louisiana.gov/sec/execdiv/techasmt/oil_gas/refineries/refinsurvey_2005.pdf)). If you are currently on our mailing list as a subscriber to this publication, a hard copy will be mailed to you automatically. If you would like your name added to our subscriber mailing list to receive a free copy of the current, as well as future, edition(s) of the *Refinery Survey*, submit an email request to [techasmt@la.gov](mailto:techasmt@la.gov) (include your name and address, and specify which publication you are requesting), or contact Jan Janney at 225-342-1270.

Table 1. Louisiana Refinery Current and Previous Operating Capacities

Refinery Name	Location	Current Operating Capacity <sup>1</sup> (bcd)	Capacity Change <sup>2</sup> (%)	Throughput <sup>1</sup> 7/1/04 - 6/30/05 (barrels)	Throughput Change <sup>2</sup> (%)
Calcasieu Refining Company	Lake Charles	31,000	0.00	10,959,254	-1.38
Calumet Lubricants Company LP	Cotton Valley	12,158	-10.71	2,940,587	-14.10
Calumet Lubricants Company LP	Princeton	8,505	3.67	3,061,800	4,708.48
Calumet Shreveport LLC	Shreveport	40,000	391.76	2,969,018	0.00
Chalmette Refining LLC	Chalmette	195,000	2.52	65,188,426	8.81
Citgo Petroleum Corporation	Lake Charles	438,000	24.43	139,431,481	22.37
ConocoPhillips	Belle Chasse	247,000	-5.00	86,647,396	-6.43
ConocoPhillips	West Lake	239,000	-4.40	82,270,405	-0.67
ExxonMobil Refining & Supply Company	Baton Rouge	493,500	0.10	179,397,500	-0.51
Marathon Petroleum Company LLC	Garyville	255,000	0.00	95,241,074	9.91
Motiva Enterprises LLC	Convent	225,000	0.00	82,125,000	0.00
Motiva Enterprises LLC	Norco	240,000	0.00	76,458,154	2.08
Murphy Oil USA Inc <sup>3</sup>	Meraux	120,000	14.29	n/a	n/a
Placid Refining Company	Port Allen	49,500	0.00	18,013,377	7.82
Shell Chemical Company	St. Rose	54,000	0.00	15,808,333	-5.32
Valero Refining Company	Krotz Springs	80,000	2.56	28,907,333	15.66
Valero Refining Company	Norco	185,000	52.37	61,478,687	311.67
Totals <sup>3</sup>		2,912,663	6.53	950,897,825	4.65

1. Data from current 12-month DNR survey ending June 30, 2005.

2. Percent change from previous 12-month DNR survey ending Oct. 31, 2003 (published in June, 2004).

3. Murphy was not able to respond to current survey due to outage resulting from Hurricane Katrina. Current operating capacity figure from EIA. Throughput change totals do not include Murphy.

Table 2. Top Products from LA Refineries by % of Product Slate

Product	Percent of Total Product Slate
Regular gasoline	30.7
Diesel	18.2
Jet fuel/Kerosene	11
Fuel oil	6.2
Residual/Coke	5.7
Premium gasoline	4.8